

CLAIMS

WHAT IS CLAIMED IS:

Claim 1:

1 1. A System for assigning each one of a plurality of versions of a software
2 application to specific requests from specific users handled by a server, wherein
3 more than one of said plurality of versions of a said software application is
4 available to service requests from users on said server, and wherein said specific
5 users are provided access to said server by issuing requests to said server, and
6 wherein said requests have a SiteID code in each said request, said system
7 comprising:

8 a network listening program for receiving said requests by said users for
9 use of a said software application program version,

10 a table on said server containing correspondences between ones of a
11 plurality of sites and ones of said SiteID codes said correspondences logically
12 connecting a one of said more than one version of a said software application
13 program to a one of said plurality of sites indicated by said SiteID code, wherein
14 said one of said plurality of sites has only one of said more than one version of a
15 said software application program and at least one data area,

16 an access control manager program for determining which one of said
17 more than one version of a said software application program should be
18 connected to each user request by reference to said table,

19 a linking program for linking said a request to a site.

Claim 2:

1 2. The System of claim 1 wherein said table is a registry in a Microsoft
2 Windows operating system.

Sub A 7
Claim 3:

- 1 3. The system of claim 1 wherein said access control manager program is
2 part of said network listening program.

Claim 4:

- 1 4. The system of claim 3 wherein said linking program is part of said network
2 listening program.

Claim 5:

- 1 5. The system of claim 1 wherein said network listening program comprises
2 a web server.

Claim 6:

- 1 6. The system of claim 1 further comprising an auxiliary recording program
2 for monitoring each request for ones of said plurality of sites and recording user
3 information related to said each request.

Claim 7:

- 1 7. The system of claim 6 wherein said auxiliary recording program supports
2 billing programs that can bill for client usage of particular ones of said plurality of
3 sites.

Claim 8:

- 1 8. The system of claim 6 wherein said auxiliary recording program supports
2 maintenance programs that improve server performance.

Claim 9:

- 1 9. The system of claim 1 further comprising a linking program for
2 communicating requests and responses between a one of said plurality of sites
3 and said client after a first request is handled by said network listener program.

Sub A 7
Claim 10:

1 10. The system of claim 9 wherein said access control manager program
2 spawns said linking program based on a said first request.

Claim 11:

1 11. The system of claim 1 wherein said software application is a database
2 application.

Claim 12:

1 12. The system of claim 11 wherein said software application is the program
2 called MAPPER substantially as presently available Unisys.

Claim 13:

1 13. A System for assigning each one of a plurality of versions of a software
2 application to specific requests from specific users handled by a server, wherein
3 more than one of said plurality of versions of a said software application is
4 available to service requests from users on said server, and wherein said specific
5 users are provided access to said server by issuing requests to said server, and
6 wherein said requests have a SiteID code means in each said request, said
7 system comprising:

8 a network listening means for receiving said requests from a network
9 connected to said server by said users on said network for use of a said software
10 application program version,

11 a table means on said server containing correspondences between ones
12 of a plurality of site means and ones of said SiteID code means said
13 correspondences logically connecting a one of said more than one version of a
14 said software application program to a one of said plurality of site means
15 indicated by said SiteID code means, wherein said one of said plurality of site

09738852-121500

Sub A¹
16 means has only one of said more than one version of a said software application
17 program and at least one data area,
18 an access control manager means for determining which one of said more
19 than one version of a said software application program should be connected to
20 each user request by reference to said table means,
21 a linking program means for linking said a request to a site means.

Claim 14:

005727 2588E/60
1 14. A method for assigning requests to particular versions of a software
2 application program where multiple versions of said software application program
3 are maintained for servicing requests on a server comprising:
4 receiving a user request at a server,
5 reading a SiteID code from within said user request,
6 determining with reference to a table which one of a plurality of versions of
7 a software application program on said server is indicated by said request,
8 linking said request to said one version.

Claim 15:

1 15. The method of claim 14 wherein said linking further comprises;
2 forwarding information from said request from a network listening program
3 which performed said receiving step to a logical site on said server containing at
4 least said one version,
5 allowing said one version to process said information from said request
6 and formulate a response responsive thereto,
7 and
8 returning said response to said user.

Claim 16:

1 16. The method of claim 15 wherein said returning step comprises:

Sub A¹²
3 passing said response to a communications program and communicating
by said communications program information from said response to said user.

Claim 17:

- 1 17. The method of claim 15 further comprising:
- 2 spawning an independent communications process for handling
- 3 communications between said site and said user.

Claim 18:

- 1 18. The method of claim 14 further comprising sending information identifying
- 2 said user as having been connected to said one site to an auxiliary program.

005121 2588260